AT A GLANCE
Lightweight foamboard with a closed-cell polyurethane foam core and both-sides polyester nonwoven composite surface layers.
APPLICATIONS

- Wide range of uses to pack and protect products in transport e.g. coils and tube products (litho coils, metal, paper and plastic film rolls)
- Edge protection

PROCESSING OPTIONS

- Clean dust-free processing, easy to cut (knife or blade)
- Can be processed with conventional woodworking techniques on standard machines
- Use of solvent-based adhesives and hot-melts – especially single-component adhesives based on polyurethane

DELIVERY PROGRAMME

- Available in customized formats up to a maximum of 1900 mm x 3000 mm or a maximum diameter of 1900 mm
- Other thicknesses are available on request
- Delivery on pallet

PRODUCT

- Lightweight foamboard with a closed-cell polyurethane foam core and both-sides polyester nonwoven composite surface layers
- Available cut into circular formats (round blanks)
- Very lightweight and flexible
- Good dimensional stability
- Resistant to temperature, moisture and solvents
- Lightweight and good pressure resistance

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Method</th>
<th>KAPA®protect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>mm</td>
<td></td>
<td>5 8 10</td>
</tr>
<tr>
<td>Tolerance</td>
<td></td>
<td></td>
<td>± 1</td>
</tr>
<tr>
<td>Density (core)</td>
<td>kg/m³</td>
<td>DIN EN ISO 845</td>
<td>45</td>
</tr>
<tr>
<td>Tolerance</td>
<td></td>
<td></td>
<td>± 10</td>
</tr>
<tr>
<td>Weight per unit area</td>
<td>g/m²</td>
<td>DIN EN 29073-1</td>
<td>305 440 530</td>
</tr>
<tr>
<td>Compression strength (10% compression set)</td>
<td>N/mm²</td>
<td>DIN EN ISO 844</td>
<td>&gt; 0.4</td>
</tr>
<tr>
<td>Memory effect (10% compression set)</td>
<td>%</td>
<td>DIN EN ISO 844</td>
<td>96</td>
</tr>
<tr>
<td>Closed cell structure</td>
<td>%</td>
<td></td>
<td>&gt; 95</td>
</tr>
</tbody>
</table>

More information at: www.transport-industry.com
All data provided here is based on our current knowledge and experience. This data is not legally binding and is for information purposes only.

3A Composites GmbH
Kiefernweg 10
49090 Osnabrück
Germany
Tel. +49 (0) 541 121 93 0
Fax +49 (0) 541 121 93 98
E-Mail transport-industry@3AComposites.com
www.transport-industry.com